

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 2/27/04

Signature: *Joanne Ryan*

(Joanne Ryan)

Docket No.: MIY-P01-011  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Robert F. Rioux

Application No.: 09/874302

Confirmation No.:

Filed: June 5, 2001

Art Unit: 3743

For: METHODS AND DEVICES FOR THE  
TREATMENT OF URINARY  
INCONTINENCE

Examiner: S. Dagostino

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

**RECEIVED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

MAR 05 2004

TECHNOLOGY CENTER R3700

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A summary/abstract translation of the non-English language references is enclosed where applicable. Applicants call the Examiner's attention to the following non-English language patent documents: SU 1225547, disclosed in the IDS filed June 5, 2001 but mis-identified as an English language document; SU 1443873, disclosed in the Supplement IDS filed January 7,

03/03/2004 HVUONG1 00000120 181945 09874302

02 FC:1806 180.00 DA

2002. Applicants hereby submit the abstract translation of these two non-English language patent documents.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Applicants call the Examiner's attention to office actions which may have issued in the following co-pending, co-owned patent applications of which subject matters are related to that of the instant application:

U.S. Pat. App. Serial No.	Filing Date
10/723,334	November 26, 2003
10/640,838	August 14, 2003
10/641,170	August 14, 2003
10/642,395	August 14, 2003
10/642,397	August 14, 2003
10/641, 192	August 14, 2003
10/641,376	August 14, 2003



Application No.: 09/874302

Docket No.: MIY-P01-011

Please charge our Deposit Account No. 18-1945 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. MIY-P01-011.

Dated: 2/27/04

Respectfully submitted,

By Agnes S. Lee

Agnes S. Lee

Registration No.: 46,862

ROPES & GRAY LLP

One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

(617) 951-7050 (Fax)

Attorneys/Agents For Applicant

RECEIVED  
MAR 05 2004  
TECHNOLOGY CENTER R3700



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/874302
				Filing Date	June 5, 2001
				First Named Inventor	Robert F. Rioux
				Art Unit	3743
				Examiner Name	S. Dagostino
Sheet	1	of	4	Attorney Docket Number	MIY-P01-011

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-D466213 S	11-26-2002	Snitkin et al.	
	AB	US-3,565,073	02-23-1971	Giesy, J.D.	
	AC	US-3,704,712	11-28-1972	Giesy et al.	
	AD	US-4,798,193	01-17-1989	Giesy et al.	
	AE	US-4,824,435	04-25-1989	Giesy et al.	
	AF	US-4,872,451	10-10-1989	Moore et al.	
	AG	US-4,946,468	08-07-1990	Li, L.K.	
	AH	US-5,002,550	03-26-1991	Li, L.K.	
	AI	US-5,064,435	11-12-1991	Porter, C. H.	
	AJ	US-5,078,730	01-07-1992	Li, L.K.	
	AK	US-5,084,058	01-28-1992	Li, L.K.	
	AL	US-5,152,749	10-06-1992	Giesy et al.	
	AM	US-5,207,679	05-04-1993	Li, L.K.	
	AN	US-5,334,185	08-02-1994	Giesy et al.	
	AO	US-5,439,467	08-08-1995	Benderov et al.	
	AP	US-5,505,735	04-09-1996	Li, L.K.	
	AQ	US-5,645,589	07-08-1997	Li, L.K.	
	AR	US-5,683,418	11-04-1997	Luscombe et al.	
	AS	US-5,690,649	11-25-1997	Li, L.K.	
	AT	US-5,702,215	11-30-1997	Li, L.K.	
	AU	US-5,742,943	04-28-1998	Chen, M.C.	
	AV	US-5,749,884	05-12-1998	Benderov et al.	
	AW	US-5,813,408	09-29-1998	Benderov et al.	
	AX	US-5,836,314	11-17-1998	Benderov et al.	
	AY	US-5,840,011	11-24-1998	Landgrebe et al.	
	AZ	US-5,842,478	12-01-1998	Benderov et al.	
	AA1	US-5,954,057	09-21-1999	Li, L.K.	
	AB1	US-5,997,541	12-07-1999	Schenk, B.	
	AC1	US-6,001,104	12-14-1999	Benderov et al.	
	AD1	US-6,039,686	03-21-2000	Kovac, S.R.	
	AE1	US-6,042,534	03-28-2000	Gellman et al.	
	AF1	US-6,050,937	04-18-2000	Benderov, T.V.	
	AG1	US-6,056,688	05-02-2000	Benderov et al.	
	AH1	US-6,077,216	06-20-2000	Benderov et al.	
	AI1	US-6,096,041	08-01-2000	Gellman et al.	
	AJ1	US-6,099,547	08-08-2000	Gellman et al.	
	AK1	US-6,200,330-B1	03-13-2001	Benderov et al.	
	AL1	US-6,245,082-B1	06-12-2001	Gellman et al.	
	AM1	US-6,264,676-B1	06-24-2001	Gellman et al.	
	AN1	US-6,273,852-B1	08-14-2001	Lehe et al.	
	AO1	US-6,322,492-B1	11-27-2001	Kovac, S.R.	
	AP1	US-6,328,686-B1	12-11-2001	Kovac, S.R.	
	AQ1	US-6,382,214-B1	05-07-2002	Raz et al.	
	AR1	US-6,406,423-B1	06-18-2002	Scetbon, V.	
	AS1	US-6,423,080-B1	07-23-2002	Gellman et al.	
	AT1	US-6,440,154-B2	08-27-2002	Gellman et al.	

RECEIVED  
MAR 05 2004  
TECHNOLOGY CENTER R3700

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

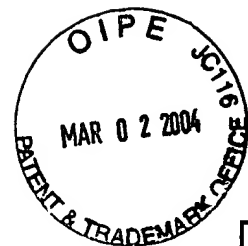
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/874302
				Filing Date	June 5, 2001
				First Named Inventor	Robert F. Rioux
				Art Unit	3743
				Examiner Name	S. Dagostino
Sheet	2	of	4	Attorney Docket Number	MIY-P01-011

	AU1	US-6,478,727-B2	11-12-2002	Scetbon, V.	
	AV1	US-6,491,703-B1	12-10-2002	Ulmsten, U.	
	AW1	US-6,494,887-B1	12-17-2002	Kaladelfos, G.	
	AX1	US-6,500,194-B2	12-31-2002	Benderev et al.	
	AY1	US-6,502,578-B2	01-07-2003	Raz et al.	
	AZ1	US-6,530,943-B1	03-11-2003	Hoepffner et al.	
	AA2	US-6,605,097-B1	08-12-2003	Lehe et al.	
	AB2	US-6,612,977-B1	09-02-2003	Staskin et al.	
	AC2	US-6,638,209-B2	10-28-2003	Landgrebe, S.	
	AD2	US-6,638,210-B2	10-28-2003	Berger, Y.	
	AE2	US-6,638,211-B2	10-28-2003	Suslian et al.	
	AF2	US-6,641,525-B2	11-04-2003	Rocheleau et al.	
	AG2	US-6,648,921-B2	11-18-2003	Anderson et al.	
	AH2	US-6,652,450-B2	11-25-2003	Neisz et al.	
	AI2	US-6,685,629-B2	02-03-2004	Therin, M.	
	AJ2	US-2001/0000533-A1	04-26-2001	Kovac, S.R.	
	AK2	US-2001/0018549-A1	08-30-2001	Scetbon, V.	
	AL2	US-2001/0023356-A1	09-20-2001	Raz et al.	
	AM2	US-2001/0049467-A1	12-06-2001	Lehe et al.	
	AN2	US-2002/0013590-A1	01-31-2002	Therin et al.	
	AO2	US-2002/0022841-A1	02-21-2002	Kovac, S.R.	
	AP2	US-2002/0055748-A1	05-09-2002	Gellman et al.	
	AQ2	US-2002/0068948-A1	06-06-2002	Stormby et al.	
	AR2	US-2002/0072694-A1	06-13-2002	Snitkin	
	AS2	US-2002/0077526-A1	06-20-2002	Kammerer et al.	
	AT2	US-2002/0082619-A1	06-27-2002	Cabak et al.	
	AU2	US-2002/0091298-A1	07-11-2002	Landgrebe, S.	
	AV2	US-2002/0091373-A1	07-11-2002	Berger, Y.	
	AW2	US-2002/0099258-A1	07-25-2002	Staskin et al.	
	AX2	US-2002/0099259-A1	07-25-2002	Anderson et al.	
	AY2	US-2002/0099260-A1	07-25-2002	Suslian et al.	
	AZ2	US-2002/0107430-A1	08-08-2002	Neisz et al.	
	AA3	US-2002/0116025-A1	08-22-2002	Haab, F.	
	AB3	US-2002/0128670-A1	09-12-2002	Ulmsten et al.	
	AC3	US-2002/0138025-A1	09-26-2002	Gellman et al.	
	AD3	US-2002/0147382-A1	10-10-2002	Neisz et al.	
	AE3	US-2002/0151762-A1	10-17-2002	Rocheleau et al.	
	AF3	US-2002/0151910-A1	10-17-2002	Gellman et al.	
	AG3	US-2002/0161382-A1	10-31-2002	Neisz et al.	
	AH3	US-2002/0165566-A1	11-07-2002	Ulmsten, U.	
	AI3	US-2002/0188169-A1	12-12-2002	Kammerer et al.	
	AJ3	US-2003/0004395-A1	01-02-2003	Therin, M.	
	AK3	US-2003/0004580-A1	01-02-2003	Sump et al.	
	AL3	US-2003/0010929-A1	01-16-2003	Priewe et al.	
	AM3	US-2003/0023138-A1	01-30-2003	Luscombe, B.H.	
	AN3	US-2003/0036676-A1	02-20-2003	Scetbon, V.	
	AO3	US-2003/0045774-A1	03-06-2003	Staskin et al.	
	AP3	US-2003/0045892-A1	03-06-2003	Kaladelfos, G.	
	AQ3	US-2003/0050530-A1	03-13-2003	Neisz et al.	
	AR3	US-2003/0100954-A1	05-29-2003	Schuldt-Hempe et al.	

RECEIVED  
MAR 0 5 2004  
TECHNOLOGY CENTER 83700

Examiner Signature		Date Considered	
--------------------	--	-----------------	--



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	09/874302		
		Filing Date	June 5, 2001		
		First Named Inventor	Robert F. Rioux		
		Art Unit	3743		
		Examiner Name	S. Dagostino		
Sheet	3	of	4	Attorney Docket Number	MIY-P01-011

RECEIVED

MAR 03 2004

TECHNOLOGY CENTER R3700

	AS3	US-2003/0130670-A1	07-10-2003	Anderson et al.	
	AT3	US-2003/0176762-A1	09-18-2003	Kammerer, G.W.	
	AU3	US-2003/0191480-A1	10-09-2003	Ulmsten et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
	BA	WO-00/74594		12-14-2000	Ethicon, Inc.		
	BB	SU-1225547		04-23-1986			X
	BC	SU-1443873		12-15-1988			X

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	CA	Bayer et al. A New Approach to Primary Strengthening of Colostomy with Marlex Mesh to Prevent Paracolostomy Hernia. Surgery, Gynecology & Obstetrics. 163:579-80 (1986)			
	CB	Delorme, E. La bandelette trans-obturatrice: un procede mini-invasif pour traiter l'incontinence urinaire d'effort de la femme. Progres en Urologie. 11:1306-13 (2001) (English translation provided)			
	CC	Giesy et al. Ureteral Instrumentation: A New System for Continued Access Via a Safety Guidewire. Journal of Urology. No. 4, Part 2, p. 282A (1988)			
	CD	Gittes et al. No-Incision Pubovaginal Suspension for Stress Incontinence. Journal of Urology. 138:3, 568-70 (1987)			
	CE	Haab et al. Feasibility of Outpatient Percutaneous Bladder Neck Suspension Under Local Anesthesia. Urology. 50:4, 585-897 (1997)			
	CF	Jacquetin, B. Utilisation du TVT dans la chirurgie de l'incontinence urinaire feminine. J. Gynecol Obstet Biol Reprod. 29, 242-47 (2000)			
	CG	Kovac et al. Pubic Bone Suburethral Stabilization Sling for Recurrent Urinary Incontinence. Obstetrics & Gynecology, 89:4, 624-27 (1997)			
	CH	Norris et al. Use of Synthetic Material in Sling Surgery: A Minimally Invasive Approach. Journal of Endourology. 10:3, 227-30 (1996)			
	CI	Petros et al. An Integral Theory and Its Method for the Diagnosis and Management of Female Urinary Incontinence. Scandinavian Journal of Urology and Nephrology. Supplement 153, 1-93 (1993)			
	CJ	Petros et al. Urethral Pressure Increase on Effort Originates from Within the Urethra, and Continence From Musculovaginal Closure. Neurourology and Urodynamics. 14:4, 337-50 (1995)			
	CK	Petros, P. Ambulatory surgery for urinary incontinence and vaginal prolapse. Medical Journal of Australia. 161:171-72 (1994)			
	CL	Petros, P. Medium-term Follow-up of the Intravaginal Slingplasty Operation Indicates Minimal Deterioration of Urinary Continence with Time. Aust NZ J Obstet Gynaecol. 39:3, 354-56 (1999)			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/874302
				Filing Date	June 5, 2001
				First Named Inventor	Robert F. Rioux
				Art Unit	3743
				Examiner Name	S. Dagostino
Sheet	4	of	4	Attorney Docket Number	MIY-P01-011

CM	Petros, P. The Intravaginal Slingpasty Operation, a Minimally Invasive Technique for Cure of Urinary Incontinence in the Female. Aust. NZ J Obstet Gynaecol. 36:4, 453-61 (1996)	
CN	Petros, P. An Integral Theory of Bladder Neck Opening, Closure and Urinary Incontinence in the Female. International Journal of Gynecology & Obstetrics. XXIII World Congress of Gynaecology and Obstetrics (FIGO) 1991	
CO	Raz et al. Vaginal Wall Sling. The Journal of Urology. 141:43-6 (1989)	
CP	Raz et al. Fascial Sling to Correct Male Neurogenic Sphincter Incompetence: The McGuire/Raz Approach. Journal of Urology. 139:528-31 (1988)	
CQ	Raz, S. Modified Bladder Neck Suspension for Female Stress Incontinence. Urology. 17:1, 82-5 (1981)	
CR	Stamey, T.A. Endoscopic Suspension of the Vesical Neck for Urinary Incontinence in Females. Annals of Surgery. 192:4, 465-71 (1980)	
CS	Stamey, T.A. Endoscopic Suspension of the Vesical Neck for Urinary Incontinence. Surgery, Gynecology & Obstetrics. 136:4, 547-54 (1973)	
CT	Stamey, T.A. Endoscopic Suspension of the Vesical Neck. Stanton, Tanagho (eds.). Surgery of Female Incontinence. Springer-Verlag, Berlin; 115-32 (1986)	
CU	Staskin et al. The Gore-tex sling procedure for female sphincteric incontinence: indications, technique, and results. World J of Urol. 15:5, 295-99 (1997)	
CV	Staskin, D.R. Sling Surgery for the Treatment of Female Stress Incontinence. 5:1, 106-22 (1991)	
CW	Sussman, et al. The Raz Bladder Neck Suspension: Five-Year Experience. The Journal of Urology. 145, 223A (1993)	
CX	Ulmsten et al. A Multicenter Study of Tension-Free Vaginal Tape (TVT) for Surgical Treatment of Stress Urinary Incontinence. Int Urogynecol J. 9:4, 210-13 (1998)	
CY	Ulmsten et al. A Three-Year Follow Up of Tension Free Vaginal Tape for Surgical Treatment of Female Stress Urinary Incontinence. British Journal of Obstetrics and Gynaecology. 106, 345-50 (1999)	
CZ	Ulmsten et al. An Ambulatory Surgical Procedure Under Local Anesthesia for Treatment of Female Urinary Incontinence. The International Urogynecology Journal. 7:81-86 (1996)	
CA1	Ulmsten et al. Connective Tissue Factors in the Aetiology of Female Pelvic Disorders. Ann. Med. 22:6, 3 (1990)	
CB1	Ulmsten et al. Intravaginal Slingplasty (IVS): An Ambulatory Surgical Procedure for Treatment of Female Urinary Incontinence. Scand J Urol Nephrol 29:1, 75-82 (1995)	
CC1	Ulmsten et al. Surgery for female urinary incontinence. Current Opinion in Obstetrics & Gynecology. 4:3, 456-62 (1992)	
CD1	Ulmsten et al. Intravaginal slingplasty. Zentralbl Gynakol. 116, 398-404 (1994)	
CE1	Ulmsten, U. An Introduction to Tension-Free Vaginal Tape (TVT) - A New Surgical Procedure for Treatment of Female Urinary Incontinence. Int Urogynecol J. (Suppl 2): S3-4 (2001)	
CF1	Ulmsten, U. The basic understanding and clinical results of tension-free vaginal tape for stress urinary incontinence. Der Urologe [A] 40:269-73 (2001)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

RECEIVED

MAR 05 2004

TECHNOLOGY CENTER R3700

Examiner Signature		Date Considered	
--------------------	--	-----------------	--